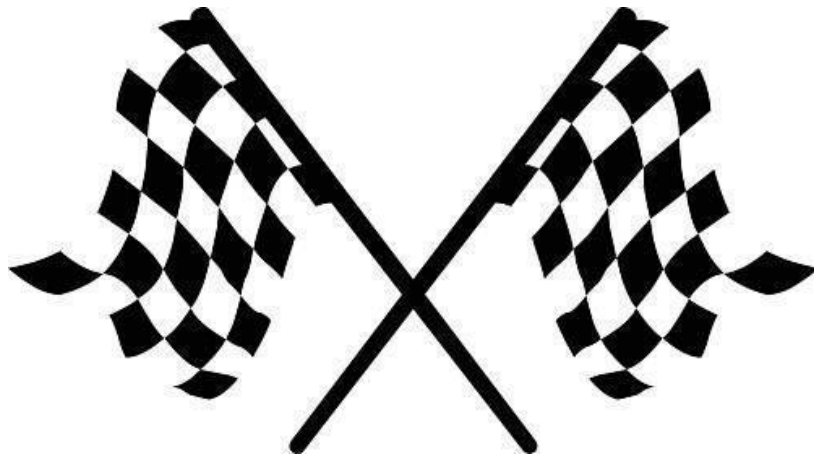




KC PRO-EAST 2022 SEASON HANDBOOK

Youth racers ages 4 through 17



Welcome to KCPRO-East, Kids Championship Power Racing Organization. KCPRO is a non-profit organization established in 1991. Today, our mission remains the same: teach youth, ages 4-17, snowmobile safety while also encouraging friendship, good sportsmanship and family fun!

We are looking forward to another great season of racing, and with everyone's involvement, that will happen! We have technical officials at each of our races to ensure racing remains fair, and most importantly SAFE. Before every race, a Driver's Meeting is conducted by our President and Race Director(s) to review and explain the rules, safety, flags, track, etc. If you have questions or concerns, please talk to an officer or technical official.

2022 CLUB BOARD OFFICERS

PRESIDENT | Joe DeRosia | (218) 391-0040 | jderosia528@gmail.com

VICE PRESIDENT | Brad Larsen | (218) 341-1579 | lbrad61@yahoo.com

SECRETARY & TREASURER | Katie Hagglund | (218) 390-8813 | katiehagglund@yahoo.com

RACE DIRECTORS

Andrew Hagglund | (218) 393-6694 | hagglund1985@yahoo.com

Tim Stroik | (218) 590-2288 | tstroik@yahoo.com

TECH DIRECTOR | Rob Lore | (218) 290-1596 | loreracing24r@hotmail.com

2022 CLUB OFFICIALS

HEAD TECH | Steve Roduner | (218) 390-7746 | steveroduner@gmail.com

SAFETY TECHNICIANS | Brenda Krueger , Matt Holmes, Zach Miller

LAP COUNTERS | Tara Larsen, Chantel Miller, Amber Roduner

PHOTOGRAPHY/YEARBOOK | Tara Larsen, Kelly Koski, Holli DeRosia

***Other volunteers are always welcomed and appreciated!**

MEMBERSHIP & RACE DAY FEES

Membership fees for new members are \$50, and \$200 for returning members. *A \$50 late fee will be applied to memberships completed after December 15th* (see website for more details). KCPRO **must** have a copy of each child's birth certificate for each member and an ISR number.

Membership includes reduced race fees, one end of season yearbook and end of season banquet with racer gifts. Weekly awards will be given accordingly as voted upon based on club funding. You must be a KCPRO-East member to accumulate any points or have voting privileges on club issues throughout the season.

All club members must sign a code of conduct, included with their membership registration packet.

Typical race day entry fees for each member racer are \$16.00 for each class. Non-member fees for each racer are \$22.50 for each class raced. Advance race day registration is required via Raceday on the website. *If you do not register your classes by the specified weekly deadline, you will pay a penalty fee for each class.*

CLUB COMMUNICATIONS

KCPRO-East's website, www.kcproeast.com, is our main information site and is updated often to inform you of upcoming races, starting times, directions, etc. If you have anything you would like included on the website, contact the Secretary at kcprosecretary@yahoo.com. Additionally, most of our correspondence through the race season will be done via email; if you do not have access to email or if you'd prefer to be contacted in a different manner, please let us know by contacting any of the officers. Please also use our FACEBOOK page for other information as well.

END-OF-THE-YEAR BANQUET

There will be a year-end banquet following the racing season. This is usually held within a month after the season ends. This is a fun weekend for the kids as far as prizes, games, and trophies. For parents, we will hold our annual silent auction, our largest single fundraiser of the year, so please start looking for donations (anything large or small) for this event. Also, the Spring Member meeting will be held the morning of the banquet and will include officer elections for the next year.

Good luck to all our racers! Let's have an awesome season!

TYPICAL RACE DAY SCHEDULE

8:00-9:00 REGISTRATION

You will find the CHECK-IN sign at the track on the designated trailer. Each adult must sign in and complete a waiver before your child can race.

8:30-9:30 CONTINUED REGISTRATION, SAFETY TECH & HOT LAPS

Must pass safety tech prior to hot laps. Bring your sled to the tech area prior to entering the race track. The Tech Trailer will be marked with a FINISH sign. All safety technicians will report here from 8:30-9:30.

9:45-10:00 DRIVER'S MEETING

ALL racers and guardians MUST attend.

10:00: RACING BEGINS

A 30 minute lunch break will be held approximately midway thru race day.

3:30 (APPROXIMATE): END OF RACE DAY

No one leaves the track until everything is cleaned up. All kids and adults are to help. Awards Banquet will be held onsite or at a local venue immediately following clean up.

GENERAL RULES FOR ALL CLASSES

(This is an abbreviation – please refer to ISR Rulebook for complete rules)

- 1) SAFETY (See General Rules – ISR)
 - a) Helmets, goggles or shields, ISR-approved chest protectors (see ISR Yearbook) – General Rules and Regulations – Driver Protective Equipment), over the knee shin guards, and over the ankle boots are required.
 - b) Racer must have a working tether cord attached to them while racing.
 - c) Functional brakes are mandatory.
 - d) Chain and clutch guards are mandatory.
 - e) Heim joints may be used on steering arms for better control.
 - f) Gas tank venting is mandatory.
 - g) Ski loops are mandatory
 - h) Racer must wear safety orange with a 12"x12" minimum.
 - i) It is MANDATORY that the driver's helmet must be a minimum of 75% international or blaze orange.
- 2) FUEL:
 - a) No alcohol allowed. Fuel may be checked to meet I.S.R. rules.
 - b) No oxygenated fuels (commonly known as ethanol) allowed. If you are not sure about your fuel have it tested before you race.
- 3) STAGING AREA:
 - a) The staging area will be near the entrance to the track. Only driver and one adult in this area. This is not an area to work on your sled.
 - b) Make sure your racer is at the staging area **prior** to his or her race; this helps the event run smoothly. **Once sleds are at the line a 2-minute rule will be in effect.**
 - c) A posting is put up at the staging area for all races. Please check the board frequently to see where your racer is; things can change throughout the day.
 - d) A minimum of three racers will be pulled from each heat to advance to the next round of racing.
 - e) A round-robin race format will be used when there are more than two heats (12 racers) in a class.
 - f) Parents are encouraged to assist in getting their racer to the starting line, **but must be off the track before the race will start.**
 - g) A track stand is required
- 4) INSPECTION/TECHING:
 - a) The tech officials may call a pre-race tech inspection at a designated time prior to the start of racing.
 - b) A tech inspection following the race may take place to tear down a sled to see if it is legal. If found illegal, the **racer will be awarded last points for that race.**
 - c) Pre-teaching: For every race, brakes, tether switch, and throttle will be checked. Gas and stud length could also be checked.
- 5) RESTARTS:
 - a) The flag person will restart the race if all racers do not clear turn two of the first lap. Turn two is marked by a large orange cone.
 - b) If the race needs to be restarted after the completion of the first lap, it will be done as a staggered start. Line-up will be determined by the position of the racers on the previous lap.
 - c) If there are two or more racers involved in a crash the race will be red flagged and restarted. If a

racer is disabled alone, he/she will be pulled off to the side of the track. If track help cannot get them going again, the racer must sit and wait until the heat is complete. Any crash in F-1s, Improved 120, Pro 206, Sprint 120, ProStock 120, Champ 120, or the 340 classes will be red flagged.

- d) No pushing or shoving. The inside machine has the line. Racers are required to drive safely and in a manner that displays good sportsmanship.
 - e) If a racer causes the race to be restarted more than once due to excessive pushing, they may be placed in a second row or asked to put their hands on their helmet when restarting the race.
 - f) Five minutes will be allowed to repair a sled before or after the race starts.
 - g) Parents, racers, spectators, etc. must remain off the track and snow barrier while a race is underway.
- 6) POINTS SYSTEM:
- a) You must be a **KCPRO member** to accumulate year end points.
 - b) Lowest pointed week for each class will be dropped in the year-end calculation of points for each individual pointed class. DQ's can not be dropped.
 - c) One point will be awarded in each class that the racer has paid for and attempted to race and will be in addition to actual race points. (If the driver and sled are at the starting line for the green flag, it is an "attempt.")

Point standing in all classes will be calculated as follows:

Final: 1st = 17	Consolation: 1st = 11	Participant: 7 th = 5
2nd = 16	2nd = 10	8 th = 4
3rd = 15	3rd = 9	9 th = 3
4th = 14	4th = 8	10 th = 2
5th = 13	5th = 7	11 th = 1
6th = 12	6th = 6	12 th = 0

ADDITIONAL PROCEDURES / INFORMATION

1) RACE LOCATIONS:

- a) All races will be held on ice surfaces, both land and water.
- b) Races will be held within a 2 hour radius of KCPRO-East's region; Cherry, MN unless race dates for the season can not be filled
- c) Most events will be held on Saturdays.

2) WEATHER ADVISORY:

- a) Board officials will consider canceling the race when the wind chill is minus 20 degrees F or below. These sorts of temperatures are not safe or fair to our kids. Being able to race and play safely is our number one priority.

3) RACE FEES:

- a) Members = \$16.00 per class
- b) NON-Members = \$22.50 per class
 - i) These fees are for each racer.
 - ii) Fees typically are increased for Special Events like Northern Nationals

4) ISR LICENSE:

- a) All racers must have an ISR License in order to race. Please check out the ISR website to get an annual license or contact a board member with questions.

**The following section outlines some basic rules of each class.
Consult the ISR Rulebook for complete rules.**

KITTY CAT RACING

One thing to watch for when buying used kitty cats or parts is to make sure they meet Stock specifications. Some changes may have been made that could lead to disqualification. BE CAREFUL!

AMATEUR KITTY CAT

1. Eligible ages are from 4-12.
2. All Stock class rules apply to Amateur class.
3. **If a racer enters the Super Stock or Improved Stock or F-1 classes and above** they are no longer eligible to race in the Amateur class.
4. **If a racer wins Championship Points (1st)** in one year, they are no longer eligible to race in the Amateur class.

STOCK KITTY CAT- 1

1. Eligible ages are from 4-14.
2. Any year Kitty Cat chassis is eligible.
3. All original parts must be in place and intact.
4. All engines must be factory stock with no modifications of any kind.
5. Brakes must be operational at all times.

IMPROVED STOCK

The Improved Stock class is a faster class for the more experienced Kitty Cat racers and takes only a gear change to prepare the Stock Kitty Cat to enter.

1. Eligible ages are 5-14 with one year race experience.
2. All stock class rules apply.
3. Stock OEM drive clutch (Max Torque brand, 11 tooth) and stock clutch engagement RPM must be maintained.
4. Handlebars may be altered.

FORMULA 1

1. Eligible ages are from 7-14 with one-year race experience.
2. There will be two F-1 classes; a Belt Drive class and a Chain Drive class. The chain drive sleds will be permitted to enter the belt drive class but belt drives will not be permitted in the chain drive class.
3. No cleated tracks allowed.

120/4 STROKE RACING

ELIGIBLE SNOWMOBILES:

Arctic Cat Z120/Sno Pro
Bombardier Mini Z
Polaris XC/XCR 120
Yamaha SRX 120

All 120 classes must have a working Rev-Limiter!!!!

BEGINNER 120

1. Eligible ages are 4-5 year olds.
2. All other stock class rules apply.

AMATEUR STOCK 120

1. Eligible ages are 4-12 years.
2. If a racer wins five Amateur finals in one year, they are no longer eligible to race in the Amateur class.
3. **If a racer enters the Super Stock or Improved Stock or F-1 classes** they are no longer eligible to race in the Amateur class.
4. **If a racer wins Championship Points (1st)** in one year, they are no longer eligible to race in the Amateur class.

STOCK 120

The snowmobile must have original OEM, or factory designated replacement, engine, hood, track, skis, frame, cowl, gas tank, carburetion, air box, suspension, and clutch supplied by the manufacturer for the particular model.

1. Eligible ages are 4-14 years.

STOCK 200

The snowmobile must have original OEM, or factory designated replacement, engine, hood, track, skis, frame, cowl, gas tank, carburetion, air box, suspension, rev limiter, exhaust and clutch supplied by the manufacturer for the particular model.

1. Eligible ages are 6-12 years.

SUPER STOCK

1. Eligible ages are 6-14 years with one year race experience.
2. Same rules apply as Stock with the exception of: Driven Gear change only, 32 tooth gear for all sleds

IMPROVED STOCK 120

1. Eligible ages are 6-14, with one year race experience.
2. DRIVE Gear ratio may be changed.
3. Clutch may be replaced with an aftermarket clutch of the same basic centrifugal design. No variable ratio systems allowed. STOCK CLASS RULES APPLY IN ALL OTHER SECTIONS.

IMPROVED STOCK 200

1. Eligible ages are 7-14 with one year race experience.
2. ENGINE: Yamaha OEM engine upgrade kit (head and carb) will be allowed. STOCK CLASS RULES APPLY IN ALL OTHER SECTIONS.

SPRINT 120

1. Eligible ages are 7-14 years with one year race experience.
2. Modifications allowed in lower 120 classes are allowed in Sprint 120 class, combined with Champ 120 engine rules for model raced.

CHAMP 120

1. Eligible ages are 7-14 years, with one year race experience. *
2. Modifications allowed in other 120 classes are allowed in Champ 120 class. Along with Champ 120 engine rules for model raced.

SEMI-PRO 206

1. Eligible ages are 7-14 with one year race experience.
2. Stock 120 chassis with a Briggs & Stratton L.O.206 engine.
3. Stock clutch with a 32-tooth driven gear.

PRO 206

1. Eligible ages are 7-14 with one year race experience.
2. Stock 120 chassis with a Briggs & Stratton L.O.206 engine.
3. Clutch may be replaced with an aftermarket clutch of the same basic centrifugal design. No variable ratio systems allowed.
4. Any gear ratio allowed.

JR STOCK 1

1. Eligible ages are 10-12
2. Snowmobile must not exceed 40 mph while racing (verified via radar gun.)

JR STOCK 2

1. Eligible ages are 13-17
2. Snowmobile must not exceed 40 mph while racing (verified via radar gun.)

* Eligible ages are what KCPRO East has a general standard. The Race Director along with other officers will decide if a younger racer is in a higher class. Racing is based on experience and know-how.

*All events with 7-11 racers will use Last Chance Qualifying (LCQ) format.

* Sled must leave the race line under its own power in heat race to be awarded points/trophy.